

Nick Doty

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300 Blackwell St, #317
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Education

School of Information — Doctor of Philosophy in Information Science 2011 - 2020
University of California, Berkeley

School of Information — Master of Information Management & Systems 2008 - 2010
University of California, Berkeley

Amherst College — Bachelor of Arts in Philosophy *magna cum laude* 2002 - 2006

Experience

Graduate Student Researcher

UC Berkeley

2011 - 2020

Conducted dissertation research on the privacy and security implications of Internet and Web standard-setting (including Do Not Track); multistakeholder governance models; and privacy decision-making in software engineering. Helped organize events on privacy-by-design and cybersecurity research.

For more info, see:

- [Enacting Privacy in Internet Standards](#), doctoral dissertation
- *publications (below) in computer science, law, philosophy and Web standards*
- privacypatterns.org, a design pattern library for solutions to privacy problems
- [BigBang](#), a software toolkit to study communications data in collaborative projects

Founding Director

Center for Technology, Society & Policy

UC Berkeley

2015 - 2016

Co-founded and directed a multidisciplinary research and design/build center focused on emergent social and policy issues of technology, including: engineering ethics; technology and well-being; infrastructure, standards and governance; and digital citizenship. Organized hackathons, reading groups, happy hours, career events and expert panels. Developed a Fellowship program and supported 28 fellows working on 11 collaborative projects in our inaugural year.

For more info, see: ctsp.berkeley.edu

Lecturer / Graduate Student Instructor

Information Organization Lab; Technology & Policy Lab; Technology & Delegation

UC Berkeley

2009 - 2016

Developed and co-taught the Technology & Delegation Lab with Deirdre K. Mulligan, a graduate course to provide hands-on experience evaluating the technical and policy impacts of software development, standard-setting and government regulation. Provided teaching assistance and collected curricular resources for Technology & Delegation seminars. Developed and co-taught the Information Organization Lab, a graduate course in hands-on rapid Web development to prototype information organization tools.

For more info, see: bit.ly/techdel16

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Privacy Analyst

World Wide Web Consortium (W3C)

2011 - 2015

Promoted the development of Web standards to support online privacy. Supported the Tracking Protection Working Group and encouraged consensus development of standards for Do Not Track. Staffed the Privacy Interest Group, developing guidelines for specification authors, browser implementers and Web developers on supporting Web privacy, and coordinated with various Working Groups and other standard-setting bodies over the privacy implications of standards. Organized workshops and meetings to enable discussion of Web privacy issues by a variety of stakeholders.

For more info, see: w3.org/Privacy

Software Development Engineer in Test

Microsoft

2006 - 2008

Designed and implemented automated test cases to systematically evaluate and improve the quality of the communications and workflow frameworks (WF/WCF) in Windows Vista and application monitoring in BizTalk Server. Led effort to analyze crash report data from customers to isolate software problems.

Publications

Doty, Nick. 2020. "[Enacting Privacy in Internet Standards](#)." Ph.D. dissertation. Advisor: Deirdre K. Mulligan. University of California, Berkeley.

Doty, Nick. 2019. "[Mitigating Browser Fingerprinting in Web Specifications](#)." Interest Group Note. Privacy Interest Group (PING). World Wide Web Consortium.

Doty, Nick, Heather West, Justin Brookman, Sean Harvey, and Erica Newland. 2019. "[Tracking Compliance and Scope](#)." Working Group Note. Tracking Protection Working Group. World Wide Web Consortium.

Mulligan, Deirdre K., Colin Koopman, and Nick Doty. 2016. "[Privacy is an essentially contested concept: a multi-dimensional analytic for mapping privacy](#)." *Philosophical Transactions of the Royal Society of London A: Mathematical, Physical and Engineering Sciences* 374 (2083).

Doty, Nick. 2015. "[Reviewing for Privacy in Internet and Web Standard-Setting](#)." In *2015 IEEE Security and Privacy Workshops (SPW)*, 185–92. International Workshop on Privacy Engineering.

Doty, Nick, and Deirdre K. Mulligan. 2013. "[Internet Multistakeholder Processes and Techno-Policy Standards: Initial Reflections on Privacy at the World Wide Web Consortium](#)." *Journal on Telecommunications and High Technology Law* 11.

Doty, Nick, and Mohit Gupta. 2013. "[Privacy Design Patterns and Anti-Patterns: Patterns Misapplied and Unintended Consequences](#)." In *A Turn for the Worse: Trustbusters for User Interfaces Workshop* at the *Symposium On Usable Privacy and Security*.

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Doty, Nick, and Erik Wilde. 2010. "[Geolocation Privacy and Application Platforms.](#)" In *Proceedings of the 3rd ACM SIGSPATIAL International Workshop on Security and Privacy in GIS and LBS - SPRINGL '10*, 65.

Doty, Nick, Deirdre K. Mulligan, and Erik Wilde. 2010. "[Privacy Issues of the W3C Geolocation API.](#)" 2010-038. UC Berkeley, School of Information.

Doty, Nick. 2009. "[The Case for a Location Metasystem.](#)" In *Proceedings of the 2nd International Workshop on Location and the Web - LOCWEB '09*, 1-3.

Talks and Events

Presented "Mitigating browser Fingerprinting in Web Specifications" to the [Multistakeholder participation in global Internet standard-setting workshop](#). University of Warwick - Brussels. May 2018.

Presented "Standard-setting Process and Internet Privacy" to the [Protocol Governance and Power seminar](#). Alan Turing Institute. March 2018.

Presented "Researching privacy, security and other values in standard-setting" to the [Human Rights Protocol Considerations Research Group](#). IETF 95. April 2016.

Co-chair, [Do Not Track and Beyond Workshop](#). UC Berkeley. November 2012.

Co-chair, [Conference on Web Privacy Measurement](#). UC Berkeley. June 2012.

"Do Not Track: The Future of Web Privacy." Keynote talk, [Web 2.0 Security & Privacy Workshop](#). May 2012.

Presented [PrivacyPatterns.org](#) on the [Mobile Privacy: Developer Kits & Tips](#) panel. [SXSWi](#). March 2012.

For a more comprehensive list of invited talks, blog posts on tech policy issues, hosted workshops, courses taught and online projects, see: npdoty.name.